

Page 1 of 1

All amounts are calculated in domestic currency.

| Purchase Order ID/ Curr Type | Line Nbr/ Insp Req | Project ID | Reference/ Description/ Cert Std | PO U/M / Stock U/M | Required Date | Recv Date/ Recv Emp | Recv Qty (PO U/M) | Cost Per Unit/ Recv Value | Inspected Qty/ Rejected Qty (PO U/M) | MRB Qty/ MRB Reject Qty | Book Amt |
|---|-----------------------|------------|---|-----------------------|---------------|------------------------|----------------------|------------------------------|--|----------------------------|----------|
| Vendor ID \ Vendor Name VU-MET002 A.M. Castle & Co. (Canada) Inc.- C/O 910720 | | | | | | | | | | | |
| PO34228 | I | | M7075T6B1.250X07. f 000 | | 11/28/2016 | 11/28/2016 | 33.3333 | | 0.0000 | 0 | \$0.00 |
| USD | No | | 7075-T6 BAR 1.25" f X 7.000" ORDER PRE CUT TO 50.00" m136248 | | 33.3333 | PLOU01 | | | 0.0000 | 0 | |
| | 2 | | M7075T6B1.750X02. f 250 | | 11/28/2016 | 11/28/2016 | 12.0000 | | 0.0000 | 0 | \$0.00 |
| | No | | 7075-T6 BAR 1.750" f X 2.250" m136248 | | 12.0000 | PLOU01 | | | 0.0000 | 0 | |
| | 5 | | M7075T73B3.000X4. f 000 | | 11/28/2016 | 11/28/2016 | 4.0000 | | 0.0000 | 0 | \$0.00 |
| | No | | 7075-T73 Bar 3.0 x 4.0 grain direction along 3" m136248 | | 4.0000 | PLOU01 | | | 0.0000 | 0 | |
| Total Received Quantity: | | | | | | | | | | | 49.3333 |
| Total Qty to Inspect (PO U/M): | | | | | | | | | | | 0.0000 |
| Total Reject Quantity: | | | | | | | | | | | 0.0000 |
| Total Receipt Value: | | | | | | | | | | | \$0.00 |
| Total Balance Due Quantity: | | | | | | | | | | | 0.0000 |

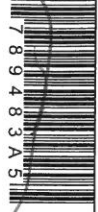
INTERORG TRANSFER
PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Page 1 of 2

Shipment No: 3128724

| | | | |
|--|--|---|--|
| Ship From: A. M. CASTLE & CO. 14001 ORANGE AVENUE PARAMOUNT, CA 90723 USA | Sold To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA | Ship To: A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN | Deliver To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA |
| Date Shipped 16-NOV-16 | F.O.B. ORIGIN | Freight Terms Prepaid | Carrier ABF |
| | | BOL No 3128724-2 | |

| | |
|-------------------------|---------------------------------------|
| Shipment Details | Final Destination Branch - TOR |
|-------------------------|---------------------------------------|

| Order No | Line No | Item No | Description |
|---|-----------------------------------|--|---|
| 4555598 | 2 | 752114.MO | 1.2500.P.L.7075.T651.ALUMINUM.US1.48.5000.144.5000 CUT RECTANGLE TO 7 IN (+ .0620/- .0000 IN (GRAIN TO RUN ALONG 50")) X 50 IN (+ .0620/- .0000 IN (GRAIN TO RUN ALONG 50")) - ALUMINUM-PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12 |
| Purchase Order No 34228 | Part Number | Ordered Qty 8.00 PCS | Invoice Qty 8.00 PCS |
| Details ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S Email P/s and certs to: clavoie@dataero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS | | | |
| Delivery No. 120672146 | Mill KAISER ALUMINUM | Heat Number  7 8 9 4 8 3 A 5 1 | Mech Id 8 |
| | | PCS 8 | Width (IN) Length (IN) Shipped Qty(LBS) 362.2664 |

8016-11-28

INTERORG TRANSFER
PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Page 2 of 2

Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material found to be the correct size, or material cut by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative:

Date: Name:



8899-11-28



Castle Metals®

A. M. Castle & Co.

PACKING SLIP/
CERTIFICATE OF CONFORMANCE

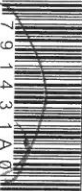
Page 1 of 2

Shipment No: 3135370

| | | | | |
|--|-------------------------|--|---|--|
| Ship From: A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN | | Sold To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA | Ship To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN | Deliver To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA |
| Date Shipped 25-NOV-16 | F.O.B. ORIGIN | Freight Terms Prepaid | Carrier MANITOU LIN | BOL No 3135370-2 |

Shipment Details

Final Destination Branch - TOR

| Order No | Line No | Item No | Description | | | | |
|---|--------------------|--|--|-----|------------|-------------|------------------|
| 4555598 | 3 | 750488.MO | 1.7500.PL.7075.T651.ALUMINUM.USI.48.5000.144.5000 CUT 2SIDED TO 2.25 IN (+ .1250/- .0000 IN) X 144.5 IN (+ .1250/- .0000 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12 | | | | |
| Purchase Order No | Part Number | Ordered Qty | Invoice Qty | | | | |
| 34228 | | 1.00 PCS | 1.00 PCS | | | | |
| Details | | | | | | | |
| ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS | | | | | | | |
| Delivery No. | Mill | Heat Number | Mech Id | PCS | Width (IN) | Length (IN) | Shipped Qty(LBS) |
| 120668529 | KAISER ALUMINUM |  791431A01 | | 1 | | | 58.9109 |

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US law prohibited.

Date Printed: 25-NOV-2016 04:21:51 PM



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Page 2 of 2

Reviewed by Authorized Castle Metals Representative:

Date: Name:

Chris Hall

NOV 25 2016



SP16-11-28



Castle Metals®

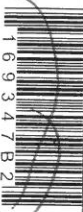
A. M. Castle & Co.

PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Page 1 of 2

Shipment No:3135370

| Ship From: | | Sold To: | Ship To: | Deliver To: |
|---|--------|---|--|--|
| A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN | | DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA | DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN | DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA |
| Date Shipped | F.O.B. | Freight Terms | Carrier | BOL No |
| 25-NOV-16 | ORIGIN | Prepaid | MANITOU LIN | 3135370-2 |

| Shipment Details | | | | Final Destination Branch - TOR | | | |
|---|--------------------|--|--|--------------------------------|-------------|-------------|------------------|
| Order No | Line No | Item No | Description | Ordered Qty | Invoice Qty | | |
| 4555598 | 6 | 752132.MO | 4.0000.P.L.7075.T7351.ALUMINUM,USI.48.5000.144.5000 CUT RECTANGLE TO 48.5 IN (+ .1250/- .0000 IN (GRAIN TO RUN ALONG 3"))X 3 IN (+ .1250/- .0000 IN (GRAIN TO RUN ALONG 3")) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12 | 1.00 PCS | 1.00 PCS | | |
| Purchase Order No | | Part Number | | | | | |
| 34228 | | | | | | | |
| Details | | | | | | | |
| ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #S Email P/s and certs to: clavoie@dartaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS | | | | | | | |
| Delivery No. | Mill | Heat Number | Mech Id | PCS | Width (IN) | Length (IN) | Shipped Qty(LBS) |
| 120672092 | KAISER ALUMINUM |  1 6 9 3 4 7 B 2 | | 1 | | | 60.3104 |
| SO16-11-28 | | | | | | | |

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to US law prohibited.
Date Printed: 25-NOV-2016 04:21:51 PM



Castle Metals®

A. M. Castle & Co.

PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Reviewed by Authorized Castle Metals Representative:

Date: Name:

Page 2 of 2

Chris Miller

NOV 25 2016



SG 11-11-28

SHIP TO:

A M CASTLE & CO
14001 ORANGE AVE
P.O. BOX 1402
PARAMOUNT, CA 90723

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

SOLD TO:

AM CASTLE & CO- SOLD TO
1420 KENSINGTON RD
SUITE 220
OAK BROOK, IL 60523

CERTIFIED TEST REPORT

Serial Number
4416627

| | | | | | | | |
|-------------------------------|-------------------------|---------------------------|--------------------------------------|---------------|---|--|--|
| CUSTOMER PO NUMBER: 371277 | | WORK PACKAGE: | CUSTOMER PART NUMBER: 752132 | | SHIP RUN/LOAD: 103547/17 | GOV'T CONTRACT NUMBER: | |
| KAISER ORDER NO: 1209457 | LINE ITEM: 1 | SHIP DATE: 28-APR-2016 | ALLOY: 7075 | CLAD: BARE | TEMPER: T7351 | PRODUCT DESCRIPTION: KaiserSelect Plate | |
| WEIGHT SHIPPED: 5706 LB | QUANTITY: 2 PCS EST. | TRUCK B/L #: 2059983 | GAUGE: 4.0000 IN (101.6000 MM) | | DIAMETER/WIDTH: 48.500 IN (1231.9 MM) | LENGTH: 144.500 IN (3670.3 MM) | |

MHU 1991888: LOT 169347B2: 1 pieces;
MHU 1993572: LOT 172427B7: 1 pieces;

Certified Specifications

AMS 4078/RevJ
ASTM B 209/Rev14
BSS 7055/RevB
DPS 4.713/RevAK
MMS 159/RevT

AMS-QQ-A-250/12/RevA
ASTM B-594/Rev13
CMMP 025/RevU
GAMPS 9101/RevB/AmdSCN1
PS 21211/RevP

AMS-STD-2154/RevA
BAC 5439/RevJ
CSTI 006/RevE
GSS16100/RevG/Amd1

Test Code: 4297

Test Results

Lot: 169347B2 Cast 179 Drop 45 Ingot 3 Melted in USA

(ASTM E8/B557)
(EN 2002-1)

| | | | | | |
|----------|-----------------|-----------------------------------|--|---|-----------------------------|
| Tensile: | Temper T7351 | Dir / # Tests LT / 3 (Min:Max) | Ultimate KSI (MPA) 61.8 : 63.7 (426 : 439) | Yield KSI (MPA) 49.2 : 50.9 (339 : 351) | Elongation % 10.1 : 10.9 |
|----------|-----------------|-----------------------------------|--|---|-----------------------------|

(ASTM E1004)
(EN 2004-1)
Conductivity %IACS : 41.3 Min 42.4 Max
(MS/M) : 24.0 Min 24.6 Max

(ASTM E1251)

| | | | | | | | | | | | |
|-------------|------|------|-----|------|-----|------|-----|------|------|------|----------|
| Chemistry: | SI | FE | CU | MN | MG | CR | ZN | TI | V | ZR | OTHER |
| Actual(wt%) | 0.08 | 0.18 | 1.5 | 0.03 | 2.5 | 0.20 | 5.9 | 0.03 | 0.01 | 0.01 | TOT 0.05 |



KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4416627

Lot: 172427B7 Cast 189 Drop 13 Ingot 2 Melted in USA

(ASTM E8/B557)
(EN 2002-1)

| | | | | | |
|----------|--------|------------------|----------------------------|----------------------------|--------------|
| Tensile: | Temper | Dir / # Tests | Ultimate KSI (MPA) | Yield KSI (MPA) | Elongation % |
| | T7351 | LT / 2 (Min:Max) | 62.7 : 62.9 (432 : 434) | 49.6 : 49.9 (342 : 344) | 10.5 : 10.9 |

(ASTM E1004)
(EN 2004-1)

| | | |
|----------------------|----------|----------|
| Conductivity %IACS : | 41.3 Min | 41.7 Max |
| (MS/M) : | 24.0 Min | 24.2 Max |

(ASTM E1251)

| | | | | | | | | | | | |
|-------------|------|------|-----|------|-----|------|-----|------|------|------|----------|
| Chemistry: | SI | FE | CU | MN | MG | CR | ZN | TI | V | ZR | OTHER |
| Actual(wt%) | 0.07 | 0.17 | 1.5 | 0.03 | 2.5 | 0.20 | 5.7 | 0.03 | 0.01 | 0.01 | TOT 0.05 |

ALLOY LIMITS

| | | | | | | | | | | | | |
|----------|------|------|-----|------|-----|------|-----|------|------|------|-------|------|
| | SI | FE | CU | MN | MG | CR | ZN | TI | V | ZR | OTHER | MAX |
| 7075 | | | | | | | | | | | | |
| MIN(wt%) | 0.00 | 0.00 | 1.2 | 0.00 | 2.1 | 0.18 | 5.1 | 0.00 | 0.00 | 0.00 | EACH | 0.05 |
| MAX(wt%) | 0.40 | 0.50 | 2.0 | 0.30 | 2.9 | 0.28 | 6.1 | 0.20 | 0.05 | 0.05 | TOT | 0.15 |

Aluminum Remainder

ORDER COMMENTS

AMC CA-15413E R 6

TEST NOTES

Metal represented by this test report was 100% Type I
(immersion) ultrasonically tested from one side with 3mm
dead zones top and bottom and meets the Class A and Class B
requirements of all specifications referenced on this test
report. No surface marking of sonic indications is
performed.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser), is ISO-9001:2008/AS9100C certified and hereby certifies that all material shipped under this order:
* has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements.
* was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
* has been thermally processed in compliance with AMS 2772, where applicable.
* is mercury free, within the limits of detection of ASTM E1251 (< 1ppm).
* is in compliance with RoHS 2, European Union Directive 2011/65/EU.
* is in compliance with and regularly monitors any updates to the European Chemical Agency, ECHA, REACH regulations, (EC) #1907/2006.
* is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.
Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.



JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

SHIP TO:

A M CASTLE & CO
14001 ORANGE AVE
P.O. BOX 1402
PARAMOUNT, CA 90723

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

SOLD TO:

AM CASTLE & CO- SOLD TO
1420 KENSINGTON RD
SUITE 220
OAK BROOK, IL 60523

CERTIFIED TEST REPORT

Serial Number

4435672

| | | | | |
|---------------------------------|---------------------------|---------------------------------|---|--|
| CUSTOMER PO NUMBER: 397693-1 | WORK PACKAGE: | CUSTOMER PART NUMBER: 750488 | SHIP RUN/LOAD: 103710/6 | GOV'T CONTRACT NUMBER: |
| KAISER ORDER NO: 1221544-1 | SHIP DATE: 10-OCT-2016 | ALLOY: 7075 | CLAD: BARE | TEMPER: T651 |
| WEIGHT SHIPPED: 3780 LB | QUANTITY: 3 PCS EST. | TRUCK B/L #: 2062843 | GUAGE: 1.7500 IN (44.4500 MM) | PRODUCT DESCRIPTION: KaiserSelect Plate |
| | | | DIAMETER/WIDTH: 48.500 IN (1231.9 MM) | LENGTH: 144.500 IN (3670.3 MM) |

MHU 2047616: LOT 791431A0: 3 pieces:

Certified Specifications

AMS 4045/RevL
ASTM B 209/Rev14
BSS 7055/RevB
DPS 4.713/RevAK
PS 21211/RevP

AMS-QQ-A-250/12/RevA
ASTM B 594/Rev13
CMMP 025/RevV
GAMPS 9101/RevB/AmdSCN1

AMS-STD-2154/RevA
BAC 5439/RevJ
CSTI 006/RevE
GSS16100/RevG/Amd1

DAS
14
9-89

16/12/02

Test Code: 1512

Lot: 791431A0 Cast 280

Drop 39

Test Results

Ingot 1

Parent Lot: 191786B3

Melted in USA

(ASTM E8/B557)

(EN 2002-1)

Tensile:

Temper
T651Dir / # Tests
LT / 2 (Min:Max)

Ultimate KSI (MPA)
82.0 : 82.8
(565 : 571)

Yield KSI (MPA)
73.0 : 73.8
(503 : 509)

Elongation %
12.2 : 12.5

(ASTM E1251)

| Chemistry: | SI | FE | CU | MN | MG | CR | ZN | TI | V | ZR | OTHER |
|-------------|------|------|-----|------|-----|------|-----|------|------|------|----------|
| Actual(wt%) | 0.08 | 0.18 | 1.5 | 0.03 | 2.4 | 0.19 | 5.9 | 0.03 | 0.01 | 0.02 | TOT 0.05 |

ALLOY LIMITS

| | SI | FE | CU | MN | MG | CR | ZN | TI | V | ZR | OTHER | MAX |
|----------|------|------|-----|------|-----|------|-----|------|------|------|-------|------|
| 7075 | | | | | | | | | | | | |
| MIN(wt%) | 0.00 | 0.00 | 1.2 | 0.00 | 2.1 | 0.18 | 5.1 | 0.00 | 0.00 | 0.00 | EACH | 0.05 |
| MAX(wt%) | 0.40 | 0.50 | 2.0 | 0.30 | 2.9 | 0.28 | 6.1 | 0.20 | 0.05 | 0.05 | TOT | 0.15 |

Aluminum Remainder

ORDER COMMENTS

AMC CA-15403A R 7



KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4435672

TEST NOTES

Metal represented by this test report was 100% Type I
(immersion) ultrasonically tested from one side with 3mm
dead zones top and bottom and meets the Class A and Class B
requirements of all specifications referenced on this test
report. No surface marking of sonic indications is
performed.

CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:
* has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.
* All test equipment and measuring devices are calibrated and certified in accordance with applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.
* was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
* has been thermally processed in compliance with AMS 2772, where applicable.
* is mercury free, within the limits of detection of ASTM E1215 (< 1ppm).
* is in compliance with RoHS 2, European Union Directive 2011/65/EU.
* is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.
* is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.
* is free of weld repair.
* meets the reporting requirements of EN10204, Type 3.1.
Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.



JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

SHIP TO:

A M CASTLE & CO
14001 ORANGE AVE
P.O. BOX 1402
PARAMOUNT, CA 90723

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215

Phone: (800) 367-2586

SOLD TO:

AM CASTLE & CO- SOLD TO
1420 KENSINGTON RD
SUITE 220
OAK BROOK, IL 60523

CERTIFIED TEST REPORT

Serial Number

4427316

| | | | | | | | | | | |
|-------------------------------|--|-------------------------|---------------------------|---------------------------------|---------------|-------------------------------------|--|---|--|--------------------------------------|
| CUSTOMER PO NUMBER: 381975 | | WORK PACKAGE: | | CUSTOMER PART NUMBER: 752114 | | SHIP RUN/LOAD: 103637/4 | | GOV'T CONTRACT NUMBER: | | |
| KAISER ORDER NO: 1214274 | | LINE ITEM: 1 | SHIP DATE: 29-JUL-2016 | ALLOY: 7075 | CLAD: BARE | TEMPER: T651 | PRODUCT DESCRIPTION: KaiserSelect Plate | | | |
| WEIGHT SHIPPED: 2678 LB | | QUANTITY: 3 PCS EST. | | TRUCK B/L #: 2061574 | | GAUGE: 1.2500 IN (31.7500 MM) | | DIAMETER/WIDTH: 48.500 IN (1231.9 MM) | | LENGTH: 144.500 IN (3670.3 MM) |

MHU 2023617: LOT 789483A5: 3 pieces;

Certified Specifications

DAS
14
9-89

AMS 4045/RevL
ASTM B 209/Rev14
BSS 7055/RevB
DPS 4.713/RevAK
PS 21211/RevP

AMS-QQ-A-250/12/RevA
ASTM B 594/Rev13
CMMP 025/RevV
GAMPS 9101/RevB/AmdSCN1

AMS-STD-2154/RevA
BAC 5439/RevJ
CSTI 006/RevE
GSS16100/RevG/Amd1

Test Code: 1512

Test Results

Lot: 789483A5 Cast 246 Drop 04 Ingot 2 Parent Lot: 182963B9 Melted in USA

(ASTM E8/B557)

(EN 2002-1)

| | | | | | |
|----------|----------------|-----------------------------------|--|---|-----------------------------|
| Tensile: | Temper T651 | Dir / # Tests LT / 2 (Min:Max) | Ultimate KSI (MPA) 80.4 : 81.6 (554 : 563) | Yield KSI (MPA) 70.1 : 72.3 (483 : 499) | Elongation % 13.4 : 13.4 |
|----------|----------------|-----------------------------------|--|---|-----------------------------|

(ASTM E1251)

| | | | | | | | | | | | |
|-------------|------|------|-----|------|-----|------|-----|------|------|------|----------|
| Chemistry: | SI | FE | CU | MN | MG | CR | ZN | TI | V | ZR | OTHER |
| Actual(wt%) | 0.07 | 0.17 | 1.5 | 0.03 | 2.5 | 0.20 | 5.8 | 0.03 | 0.01 | 0.01 | TOT 0.06 |



KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4427316

ALLOY LIMITS

| | SI | FE | CU | MN | MG | CR | ZN | TI | V | ZR | OTHER | MAX |
|----------|------|------|-----|------|-----|------|-----|------|------|------|-------|------|
| 7075 | | | | | | | | | | | | |
| MIN(wt%) | 0.00 | 0.00 | 1.2 | 0.00 | 2.1 | 0.18 | 5.1 | 0.00 | 0.00 | 0.00 | EACH | 0.05 |
| MAX(wt%) | 0.40 | 0.50 | 2.0 | 0.30 | 2.9 | 0.28 | 6.1 | 0.20 | 0.05 | 0.05 | TOT | 0.15 |

Aluminum Remainder

ORDER COMMENTS

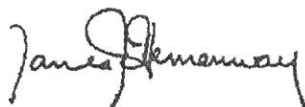
AMC CA-15403A R 7

TEST NOTES

Metal represented by this test report was 100% Type I
(immersion) ultrasonically tested from one side with 3mm
dead zones top and bottom and meets the Class A and Class B
requirements of all specifications referenced on this test
report. No surface marking of sonic indications is
performed.

CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:
* has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.
* All test equipment and measuring devices are calibrated and certified in accordance with applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.
* was melted in the United States of America or a qualifying country per DFARS 225.872-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
* has been thermally processed in compliance with AMS 2772, where applicable.
* is mercury free, within the limits of detection of ASTM E1215 (<1 ppm).
* is in compliance with RoHS 2, European Union Directive 2011/65/EU.
* is in compliance with European Chemical Agency, ECHA, REACH regulations (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.
* is free of Conflict Minerals, as defined in Section 1502 of the Dodd-Frank Act.
* is free of weld repair.
* meets the reporting requirements of EN10204, Type 3.1.
Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.



JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 17075T73B3.00X4.00

PO / BATCH NO.: 34228/136248

DATE: 11/12/02

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 3.00

QUANTITY RECEIVED: 4'

THICKNESS RECEIVED: 3.00

QUANTITY INSPECTED: 4'

SHEET SIZE ORDERED: _____

QUANTITY REJECTED: _____

SHEET SIZE RECEIVED: _____

| DESCRIPTION | NCR (Check Y/N) | COMMENTS |
|--|--------------------------------------|--------------------|
| SURFACE DAMAGE | Y <input checked="" type="radio"/> N | |
| CORRECT FINISH | <input checked="" type="radio"/> Y N | |
| CORROSION | Y <input checked="" type="radio"/> N | |
| CORRECT GRAIN DIRECTION | <input checked="" type="radio"/> Y N | |
| CORRECT MATERIAL | <input checked="" type="radio"/> Y N | 7075T73 |
| CORRECT THICKNESS | <input checked="" type="radio"/> Y N | 3.00 |
| PHOTO REQUIRED | Y <input checked="" type="radio"/> N | |
| CORRECT MATERIAL | <input checked="" type="radio"/> Y N | AMS-QQ-A-250/12 |
| CORRECT REF # TO LINK CERT | <input checked="" type="radio"/> Y N | HEAT# 169347B2 |
| CORRECT MATERIAL IDENTIFICATION | <input checked="" type="radio"/> Y N | 17075T73B3.00X4.00 |
| CORRECT M# ON THE MATERIAL | <input checked="" type="radio"/> Y N | M136248 |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y <input checked="" type="radio"/> N | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y <input checked="" type="radio"/> N | |

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.
RECORD RESULTS BELOW

| | HRC | HRB | DUR A | DUR D |
|------------------------------|-----|-----|-------|-------|
| TYPE OF MATERIAL | | | | |
| SIZE OF TEST SAMPLE | | | | |
| HARDNESS / DUROMETER READING | | | | |

testers located in the Quality Office

QC 18 INSPECTION ENGINEERING SIGNOFF (if required)

INSPECTED BY: DAS
14
9-88

SIGNED OFF BY: _____

DATE: 11/12/02

DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075TL6 B1.250X7.00 PO / BATCH NO.: 34228/136248
 DATE: 11/12/02

MATERIAL CERT REC'D: yes THICKNESS ORDERED: 1.250
 QUANTITY RECEIVED: 33.333 THICKNESS RECEIVED: 1.250
 QUANTITY INSPECTED: 33.333 SHEET SIZE ORDERED: _____
 QUANTITY REJECTED: _____ SHEET SIZE RECEIVED: _____

| DESCRIPTION | NCR (Check Y/N) | COMMENTS |
|--|---|-----------------------------|
| SURFACE DAMAGE | Y <input checked="" type="checkbox"/> N | |
| CORRECT FINISH | <input checked="" type="checkbox"/> N | |
| CORROSION | Y <input checked="" type="checkbox"/> N | |
| CORRECT GRAIN DIRECTION | <input checked="" type="checkbox"/> N | |
| CORRECT MATERIAL | <input checked="" type="checkbox"/> N | <u>7075TL6</u> |
| CORRECT THICKNESS | <input checked="" type="checkbox"/> N | <u>1.250</u> |
| PHOTO REQUIRED | Y <input checked="" type="checkbox"/> N | |
| CORRECT MATERIAL | <input checked="" type="checkbox"/> N | <u>AMS-QQ-A-250/12</u> |
| CORRECT REF # TO LINK CERT | <input checked="" type="checkbox"/> N | <u>HEAT# 789483 AS</u> |
| CORRECT MATERIAL IDENTIFICATION | <input checked="" type="checkbox"/> N | <u>M7075TL6 B1.250X7.00</u> |
| CORRECT M# ON THE MATERIAL | <input checked="" type="checkbox"/> N | <u>M136248</u> |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y <input checked="" type="checkbox"/> N | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y <input checked="" type="checkbox"/> N | |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | |
|--|-----|-----|-------|-------|
| TYPE OF MATERIAL | HRC | HRB | DUR A | DUR D |
| SIZE OF TEST SAMPLE | | | | |
| HARDNESS / DUROMETER READING | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | ENGINEERING SIGNOFF (if required) |
|--|-----------------------------------|
| INSPECTED BY: <u>DAS</u> <u>14</u> <u>9-89</u> | SIGNED OFF BY: _____ |
| DATE: <u>11/12/02</u> | DATE: _____ |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075 TL B1.750 X 2.250

PO / BATCH NO.: 34228/136248

DATE: 16/12/02

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 1.750

QUANTITY RECEIVED: 12'

THICKNESS RECEIVED: 1.750

QUANTITY INSPECTED: 12'

SHEET SIZE ORDERED: _____

QUANTITY REJECTED: _____

SHEET SIZE RECEIVED: _____

| DESCRIPTION | NCR (Check Y/N) | COMMENTS |
|--|---------------------------------------|--------------------------------|
| SURFACE DAMAGE | Y <input checked="" type="checkbox"/> | |
| CORRECT FINISH | <input checked="" type="checkbox"/> N | |
| CORROSION | Y <input checked="" type="checkbox"/> | |
| CORRECT GRAIN DIRECTION | <input checked="" type="checkbox"/> N | |
| CORRECT MATERIAL | <input checked="" type="checkbox"/> N | <u>7075 TL</u> |
| CORRECT THICKNESS | <input checked="" type="checkbox"/> N | <u>1.750</u> |
| PHOTO REQUIRED | Y <input checked="" type="checkbox"/> | |
| CORRECT MATERIAL | <input checked="" type="checkbox"/> N | <u>AMS-QQ-A-250/12</u> |
| CORRECT REF # TO LINK CERT | <input checked="" type="checkbox"/> N | <u>HEAT# 791431A0</u> |
| CORRECT MATERIAL IDENTIFICATION | <input checked="" type="checkbox"/> N | <u>M7075 TL B1.750 X 2.250</u> |
| CORRECT M# ON THE MATERIAL | <input checked="" type="checkbox"/> N | <u>M136248</u> |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y <input checked="" type="checkbox"/> | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y <input checked="" type="checkbox"/> | |

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.
RECORD RESULTS BELOW

| | HRC | HRB | DUR A | DUR D |
|------------------------------|-----|-----|-------|-------|
| TYPE OF MATERIAL | | | | |
| SIZE OF TEST SAMPLE | | | | |
| HARDNESS / DUROMETER READING | | | | |

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY: DAS
14
9-89

SIGNED OFF BY: _____

DATE: 16/12/02

DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO34228

Purchase Order Date 11/8/2016

PO Print Date 11/8/2016

Page Number 1 of 1
EMAILED

Order From :
METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W OE9
CANADA

VU-MET002

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Customer POID

Customer Tax #

Terms

Currency

FOB

Chantal Lavoie

10127-2607

Net 30

USD

Destination-Collect

NOV 08 2016

| Line Nbr | Reference Vendor Part Number Line Comments Delivery Comments | Description/ Mfg ID | Req Date/ Taxable Promise Date | CD | Req Qty/ Unit of Measure | PO Unit Price | Extended Price |
|----------|--|------------------------|--------------------------------------|----|--------------------------------|---------------|----------------|
|----------|--|------------------------|--------------------------------------|----|--------------------------------|---------------|----------------|

| | | | | | | | |
|---|----------------------|--|------------|-------------------|------------|---------|------------|
| 1 | M7075T6B1.250X07.000 | 7075-T6 BAR 1.25" X 7.000" ORDER PRE CUT TO 50.00" | 11/23/2016 | Yes 11/23/2016 | 33.33 f | \$52.08 | \$1,736.00 |
|---|----------------------|--|------------|-------------------|------------|---------|------------|

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

NOTE: CUT 8 PCS TO 50" LONG, GRAIN DIRECTION ALONG LENGHT

Line Total: \$1,736.00

| | | | | | | | |
|---|----------------------|--------------------------------|------------|-------------------|------------|---------|----------|
| 2 | M7075T6B1.750X02.250 | 7075-T6 BAR 1.750" X 2.250" | 11/23/2016 | Yes 11/23/2016 | 12.00 f | \$30.75 | \$369.00 |
|---|----------------------|--------------------------------|------------|-------------------|------------|---------|----------|

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

Line Total: \$369.00

Note:

11/8/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO34228**

Purchase Order Date 11/8/2016

PO Print Date 11/8/2016

Page Number 2 of 3

Order From :

METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W OE9
CANADA

VU-MET002

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

| | | | | | | |
|---|---------------------|--------------------------------|------------|-------|---------|----------|
| 3 | M7075T6B5.000X0.375 | 7075-T6 BAR 5.000" X 0.375" | 11/23/2016 | 12.00 | \$16.60 | \$199.20 |
| | | Yes | | f | | |
| | | 11/23/2016 | | | | |

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

Line Total: \$199.20

| | | | | | | |
|---|---------------------|--------------------------------|------------|-------|---------|----------|
| 4 | M7075T6B6.000X0.250 | 7075-T6 BAR 6.000" X 0.250" | 11/23/2016 | 12.00 | \$14.50 | \$174.00 |
| | | Yes | | f | | |
| | | 11/23/2016 | | | | |

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

Line Total: \$174.00

| | | | | | | |
|---|----------------------|--|------------|------|---------|----------|
| 5 | M7075T73B3.000X4.000 | 7075-T73 Bar 3.0 x 4.0 grain direction along 3" | 11/23/2016 | 4.00 | \$91.75 | \$367.00 |
| | | Yes | | f | | |
| | | 11/23/2016 | | | | |

MATERIAL: 7075-T73/T7351/T73510/T73511 BAR AS PER AMS-QQ-A-200/11 OR AMS-QQ-A-225/9 OR AMS 4124 OR AMS-QQ-A-250/12 OR AMS 4078

NOTE: GRAIN DIRECTION MUST RUN ALONG 3" WIDE

SP/6-11-28

Note:

11/8/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO34228

Purchase Order Date 11/8/2016

PO Print Date 11/8/2016

Page Number 3 of 3

Order From :

VU-MET002

Ship To : DART AEROSPACE LTD

METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W OE9
CANADA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

| | | | | | | | |
|--|----------|---|------------|------|------|--------------------|-------------------|
| | | | | | | Line Total: | \$367.00 |
| 6 | 16011-00 | 7075T6 ROUND BILLET 8" DIA X 2.750" LONG | 11/23/2016 | 8.00 | Each | \$114.00 | \$912.00 |
| NEW JIGS FOR WELDING ROBOT | | | | | | | |
| | | | | | | Line Total: | \$912.00 |
| | | | | | | | |
| Deliver To: ERIC.L | | | | | | | |
| 7 | 71401-45 | PROCUREMENT QUALITY CLAUSES | 11/23/2016 | 1.00 | | \$0.00 | \$0.00 |
| Procurement Quality Clauses | | | | | | | |
| A005 right of entry | | | | | | | |
| A012 chemical and physical test report | | | | | | | |
| A016 personnel qualification | | | | | | | |
| A017 raw material identification (as applicable) | | | | | | | |
| A026 certification of material conformance | | | | | | | |
| A041 quality management system | | | | | | | |
| A042 dart notification by supplier | | | | | | | |
| A043 retention of quality documents | | | | | | | |
| | | | | | | Line Total: | \$0.00 |
| | | | | | | PO Total: | \$3,757.20 |

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 11/8/2016